



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER RESOURCES

William R. Snodgrass - Tennessee Tower  
312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

December 7, 2016

Mr. Clark Annis  
Pretreatment Coordinator  
City of Crossville  
468 Sparta Highway  
Crossville, TN 38572

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**  
**RECEIPT # 7196 9008 9111 3807 5481**

Re: Pass Through Limits  
Crossville Pretreatment Program  
NPDES Permit No. TN0024996  
Cumberland County

Dear Mr. Annis:

Attached, please find a copy of the revised Pass Through Limits (PTLs) for the Crossville wastewater treatment plant. These limits were calculated based on current stream background and flow information, and incorporate the Water Quality Criteria approved in December 2013. The enclosed limits will supersede any limits previously issued, and will take effect when the NPDES permit becomes effective.

Crossville should use these limits in a technical evaluation of its protection criteria and local limits according to Section 3.2 of the new NPDES permit. Furthermore, Section 3.2 has a requirement for completion of the Industrial Waste Survey. If you have any questions or concerns, please contact Laurel Rognstad at [Laurel.Rognstad@tn.gov](mailto:Laurel.Rognstad@tn.gov) or (615) 532-8786.

Sincerely,

Yatasha Moore  
State Pretreatment Coordinator  
Compliance and Enforcement Unit

cc: Mr. Brian Mayo – Division of Water Resources, Cookeville EFO

## PASS THROUGH LIMITATIONS

Crossville STP	11/7/16	Cumberland County
Design Flow: 3.5 MGD	TN0024996	7Q10: 0.0 MGD

Parameter	Concentration (µg/l)
Copper	25.10
Chromium, III	357.40
Chromium, VI	11.00
Nickel	117.24
Cadmium	0.95
Lead	13.24
Mercury	0.05
Silver, <b>Daily Maximum</b>	3.05
Zinc	200.00
Cyanide <sup>1</sup>	5.20
Toluene <sup>1</sup>	15.00
Benzene <sup>1</sup>	3.00
1,1,1 Trichloroethane <sup>1</sup>	30.00
Ethylbenzene <sup>1</sup>	4.00
Carbon Tetrachloride <sup>1</sup>	15.00
Chloroform <sup>1</sup>	85.00
Tetrachloroethylene <sup>1</sup>	25.00
Trichloroethylene <sup>1</sup>	10.00
1,2 trans Dichloroethylene <sup>1</sup>	1.50
Methylene Chloride <sup>1</sup>	50.00
Phenols, Total <sup>1</sup>	50.00
Naphthalene	1.00
Phthalates, Total <sup>2</sup>	64.50

<sup>1</sup> Grab sample type required. All other parameters are 24-hour composite sample type. References include T.C.A. 0400-40-14-.12(7)(c), 40 CFR 136, EPA Form 3510-2C (8/90 version) and TDEC Lab Sheet (volatile organics).

<sup>2</sup> Total Phthalates is the sum of Bis (2-ethylhexyl) phthalate, Butyl benzylphthalate, Di-n-butylphthalate and Diethyl phthalate.

Note: These limits are monthly averages except for Silver.